

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20509	(shimoda-i\$ or matsumoto-y\$ or hasegawa-o\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 14:24
S2	624	S1 and vibration\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 14:26
S3	19	S2 and ("188"/\$ or "267"/\$). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 14:26
S4	13	("3986222"   "4925409"   "5014474"   "5233800"   "5366193"   "5373920"   "5540549"   "5816566"   "5855259"   "5979618"   "5992582").PN. OR ("6250441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 14:30
S5	1593	188/378,379,380.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 14:32
S6	6	("5219051"   "5558191"   "5775472"   "5816373"   "5873438").PN. OR ("6634472").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 14:39
S7	22	("3101937"   "3213764"   "3603610"   "4213518"   "4760996"   "4807840"   "4862697"   "5052529"   "5219051"   "5558191"   "5564536").PN. OR ("5775472").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 14:40
S8	10	("3502290"   "3845917"   "4042070"   "4683520"   "5180147"   "5775472"   "5775637").PN. OR ("6286782").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 14:42
S9	34	("0989958"   "3145012"   "3167294"   "3703999"   "3735952"   "4724923"   "4848525").PN. OR ("5052529").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 14:43

S10	63	("2597800"   "2776829"   "2916307"   "2919883"   "2930455"   "3101937"   "3107752"   "3141523"   "3167157"   "3445080"   "3695665"   "3722875"   "3989232"   "4436188"   "4471538"   "4572488"   "4760996"   "4848525"   "4873888"   "4974820"). PN. OR ("5219051").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 14:44
S11	4	("3005520").URPN.	USPAT	OR	OFF	2008/02/15 15:37
S12	478	188/322.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 15:39
S13	435	S12 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 15:39
S14	1179	267/160,158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:04
S15	1179	S14 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:04
S16	9	("4323994"   "5096166"   "5134593"   "5522688"   "5709516"   "6050556"   "6155720"   "6216833"   "6827536").PN. OR ("7155903").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 16:06
S17	11	("5351490"   "5492313"   "5522214"   "5895033"). PN. OR ("6050556").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 16:07
S18	66	("0854426"   "1013786"   "1334557"   "1602912"   "1952970"   "2484823"   "3060334"   "3156759"   "3181851"   "3181918"   "3188071"   "3246890"   "3469417"   "3592422"   "3743268"   "3909077"   "3981566"   "3998092"   "4025203"   "4060315"   "4230291"   "4261211"   "4382709"   "4460252"   "4497465"   "4511115"   "4538882"   "4732440"   "4802720"   "4802784"   "4861125"   "4973145"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 16:09

		"5110195"   "5267720"   "5315890").PN. OR ("5529277").URPN.				
S19	16	("1030688"   "1287762"   "3061386"   "3392776"   "3774675").PN. OR ("4058157").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 16:13
S20	4	("3572112").URPN.	USPAT	OR	OFF	2008/02/15 16:16
S21	6	("3185428").URPN.	USPAT	OR	OFF	2008/02/15 16:17
S22	967	267/136.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:27
S23	950	S22 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:28
S24	35	("4731777"   "4794588"   "4893210"   "4922478"   "4946129").PN. OR ("5379990").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 16:33
S25	484	267/24,31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:48
S26	480	S25 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:48
S27	254	267/151,259.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:54
S28	711	267/140.14,140.15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:58
S29	711	S28 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:58
S30	679	S28 not S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 16:59
S31	1749	248/636,638.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 17:02

S32	1684	S31 not S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 17:02
S33	14	("20020154474"   "4662142"   "4705982"   "5178357"   "5240222"   "5314159"   "5583529"   "5595430"   "6357717"   "6508343"   "6604596"   "6672560").PN. OR ("6808148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 17:05
S34	25	("1260075"   "1958778"   "2977043"   "4553231"   "4731777"   "4796849"   "4922478"   "5042024"   "5149066"   "5163038"   "5347507").PN. OR ("5595430").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 17:06
S35	28	("2078284"   "2392993"   "2410193"   "2438708"   "2464046"   "2488781"   "2504493"   "3073975"   "3339091"   "3700097"   "4464598"   "4471259"   "4524295").PN. OR ("4705982").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/15 17:08
S36	10	(plurality with absorber\$1 with natural with frequenc \$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 17:49
S37	1	(plurality with absorber\$1 with natural with frequenc \$3 with different).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/15 17:49

2/ 15/ 08 7:26:17 PM

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